

Investigation of the Formation Conditions and Stability
of Complex Pu^{IV} Compounds by a Spectrophotometric
Method, by A. D. Gelman, A. I. Moskvina. 4 pp.

RUSSIAN, per, Atom Energ, Vol III, No 10, 1957,
pp 314-316.

Consultants Bureau

Sci - Nuc Phys

Aug 58

73,100

Complex Compounds of Platinum With Dimethyl- and
Diethylsulfides, by A. D. Gelman, S. P. Derendyaev,
4 pp.

RUSSIAN, thrice=mo per, Dok Ak Nauk SSSR, Vol CXI,
No 4, Nov/Dec 1956, pp 821-823.

Consultants Bureau

Sci - Chem

56, 693

Dec 57

Preparation of Complex Compounds of Quadrivalent
Platinum with Six Different Inner Sphere Sub-
stituents, by L. W. Bisen, and A. D. Gel'man, 13 pp

RUSSIAN, per Zhur Neorgan Khim, Vol I, No 11, 1956
pp 2475-2487

AEC-Fr-4592
PL-480

Sci
Jun 63

341,261

Complex Compounds of Platinum With Allylamines,
by A. D. Gelman, L. N. Essen.

Full translation.

RUSSIAN, per, Dok Akad Nauk, No 77, 1951,
pp 272-275.

273

ABC Tr 1212

Scientific - Chemistry

A-2272

Preparation of Potassium Nitrodi chloromonosamino-
platate, by A. D. Gelman and I. N. Essen, 2 pp.

Full text

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 6 p 835.

Consultants Bureau

Sci - Chemistry
Doc 76 CDS

44, 518

GELMAN, A.D.

"Production of Complex Platinum Com-
pounds with Ethylene & in the Cation."

CR LI, No. , 46, 207

A-3041

II. Sodium Plutonium Carbonates, by A. D. Gel'man,
et al.

RUSSIAN, per, Zhur Neorgan Khim, No 7, 1958,
pp 1551-1554.

Infosearch Ltd.

Sci - B Chem
Sep 59

96,423

Carbonate and Carbonate-Oxalate Complexes of Pu(IV).
I. Potassium Plutonyl Carbonates, by A. D. Gel'man,
et al.

RUSSIAN, per, Zhur Neorgan Khim, No 6, 1958,
pp 1304-1311.

Infosearch Ltd.

Sci - Chem
Sep 59

96,421

Determination of the Composition and Instability
Constants of Complex Pd^{+3} Oxalate Ions, by
A. D. Gelman, N. N. Matorina, A. I. Moskvina,
6 pp.

RUSSIAN, per, Atom Energ, Vol III, No 10, 1957,
pp 308-313.

Consultants Bureau

Sci - Nuc Phys

Aug 58

69, 535

Complex Formation of H_2O^{18} and N_2O^{18} With Trilon
B in Aqueous Solutions, by A. D. Gel'man, M. P.
Mefod'yeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIV,
No 4, 1959, pp 815-818.

Consultants Bureau

119, #61

Sci

Jul 60

A Study of the Oxidation-Reduction Potentials of Plutonium
in Nitric Acid, by P. I. Artyukhin, A. D. Gal'man, V. I.
Medvedovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 98-100.

Consultants Bureau

Sci - Chem

22/6/59

89,980

Nature of Bonds Between Central Atom and Olefine⁴
in Complex Compounds of Platinum, by A. A.
Babushkin, I. A. Gribov, A. D. Gel'man,

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 7,
1959, pp 1542-1547,

Cleaver-Rune Press Ltd.
London

Sci - Chem
Jan 60

106,368

Phys-Chem. Properties of Aqueous Solutions
of Plutonium Oxalate (IV) and Determination
of Its Solubility Products, by A. I. Moskvina,
A. D. Gel'man. USSR

RUSSIAN, per, Zhur Georg Khin, Vol. III, No 4,
Apr 1958, pp 956-961.

ATTC F-22-9578/V

Sci - Chem

94, 930

Aug 59

S-515/60

(NY-4038)

Simple and Complex Carbonate Compounds of
Plutonium, by A. D. Gel'man, L. M. Zaytsev,
22 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 12,
1959, pp 2688-2696.

JPRS 5192

Sci - Chem

Aug. 60

122,849

Determining the Composition and Instability
Constants of Oxalate and Carbonate Complexes
of Plutonium (IV), by A. I. Moskvina, A. D.
Gel'man. USSR.

RUSSIAN, per, Zhur Georg Elm, Vol III,
No 4, Apr 1958, pp 362--374.

ATTC F-28-9578/V

Sci - Chem

Aug 59

24, 931

The Preparation of Complex Compounds of
Tetravalent Platinum With Five and Six
~~SEVEN~~ Different Substituents in Trans-And
Cis-Configurations, by L. N. Essen and A. D. Gelman,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 4, pp 651-

Consultants Bureau

Sci - Chemistry
Jan 57 CTE

43,184

On the Relativistic Operators for Momentum and
Angular Momentum, by A. P. Gel'man, 3 pp.

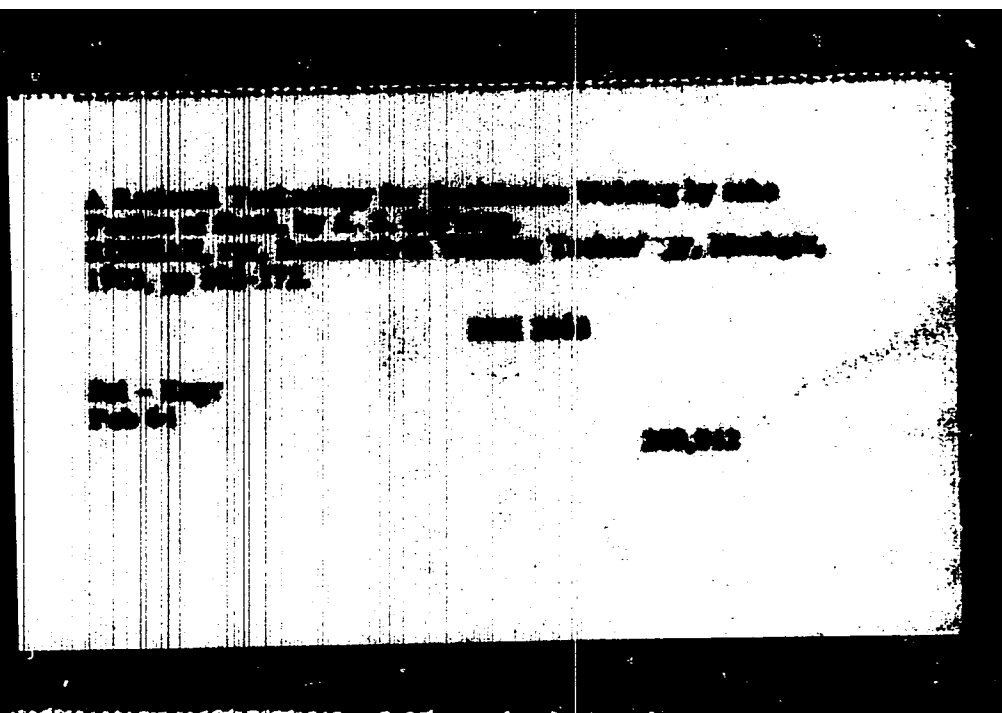
RUSSIAN, per, Zhur Eksp. i Teoret Fiz,
Vol XXXVII, (10), No 2, 1960, pp 471-481
No 2(8), 1959

Amer Inst of Phys
Sov Phys-JETP

Sci

Mar 60

119,085



The Initial Electrical Resistance During Spot
XX Welding, by A. S. Gel'man, 7 pp.

RUSSIAN, per, Avtomat Svarka, No 7, 1961,
pp 25-32.

B.M.A.

Sci
Aug 62

215, 327

The Effect of the Resistance and Inductive Reactance
of a Flash Butt-Welding Machine π on the Process of
Flash-Welding, by A. S. Gel'man, V. S. Pavlichenko,
11 pp.

RUSSIAN, per, Svaroch Proiz, No 4, 1961, pp 1-5.

BWRA

Sci
May 62

195,228

Investigation of Steel Grades and the
Manufacture of Welded Steel Shafts of
Large Water Turbines, by A. S. Gal'man,
I. A. Kryemin, V. V. Levando, et al, 12 pp.

1-JS-1111, per, Energo Mashinostroenie, No 12,
1959, pp 33-37. 9099510

OTS 60-51134
FL-480

193,458

Doc. 1111

Tube Welding on Radio Frequency S Current, by
A. S. Gelman, S. N. Mel'bard, V. N. Bogdanov,
5 pp.

RUSSIAN, per, Svaroch Proiz, No 10, 1960,
pp 4-6.

BWRA

178,999

Sci

Dec. 61

Submerged Arc Welding With the Welding Zone
Preheated to High Temperatures, by A. S.
Gel'man, S. N. Mel'bard 3 pp.

RUSSIAN, per, Svaroch Prois, No 3, 1960,
pp 16-17.

ENRA

Sol

Apr 61

152, 465

Examination of 1Kh18N12T Steel as a Tube Material
for Power Stations, by A. S. Gel'man, et al.

RUSSIAN, per, Metal i Obra Metallov, No 3, 1958,
pp 16-24.

Infosearch Ltd.

Sci - Min/Met
Sep 59

96,391

Submerged Arc Welding With the Welding Zone
Preheated to High Temperatures, by A. S.
Gel'man, S. N. Mel'bard 3 pp.

RUSSIAN, per, Svaroch Proiz, No 3, 1960,
pp 16-17.

BMRA

Sc1

Apr 61

152, 465

Projection Spot Welding of Hot Rolled Steel, by
A. S. Gel'man, E. S. Slepak, S. M. Lashchikov,
P. V. Mironov, 8 pp.

RUSSIAN, per, Svaroch Proiz, No 7, 1959, pp 19-
22.

British Welding Res Assoc

Sci
Aug 60

122, 004

Features of the Flame Welding of Heat-Resistant
Austenitic Steel Tubes, by E. S. Slepak, A. S.
Gelman, 10 pp.

RUSSIAN, per, Sovetskoe Dzefto, No. 1, 1950, pp. 22-31

British Welding Res Assoc

Sci

Aug 60

123,722

Resistance Welding in Steel Sheet Production. by
A. M. Kogos, B. A. ~~MAN~~ Ruiss, A. S. Gelman, N. S.
Kabanev, 12 pp.

RUSSIAN, per, Svaroch Froiz, No 7, 1959, pp 34-38.

British Welding Res Assoc

Sci
Aug 60

122, 215

The Electro-Slag Welding of a Hydraulic Turbine
Shaft With a Welded Shell, by A. S. Gel'man, et al.
UNCL

RUSSIAN, per, Svarochnoye Proiz, No 9, 1958,
pp 26-36.

NLL M.4581
British Iron and
Steel Ind 1304
(L5 15e.0d.)

Sci - Engr
Jun 99

90.432

Determination of Radioactive Cesium by the
Ferrocyanide Method, by A. V. Gel'man.
RUSSIAN, per, Radiokhim, No 1, 1962, pp 107-110.

AEC

Sci
Mar 64

Gel'man, A. Ye.

THEOREMS ON IMPLICIT ABSTRACT FUNCTIONS
AND QUESTIONS OF STABILITY FOR OPERATOR
EQUATIONS. [1960] [9]p. 5 refs.

Order from OTS or SLA \$1.10

61-10710

Trans. of Akademiya Nauk SSSR. Doklady, 1959,
127, no. 5, p. 945-948.

DESCRIPTORS: *Operators (Mathematics), *Equa-
tions, Stability, *Functions, Theory.

Two theorems are presented. The first is an implicit
function theorem and the second deals with the exist-
ence of solutions of a system of operator equations.
(Translator)

(Mathematics, TT, v. 6, no. 1)

61-10710

I. Gelman, A. Ye.

Office of Technical Services

Some Clinical and Pathogenetic Characteristics of
Pneumonia in Thermal Burns, by N. S. Molchanova,
B. L. Gel'man, 11 pp.

RUSSIAN, par, Vest. Ak. Med. Nauk SSSR, Vol XVIII, No 10,
1953.

JPRS 22141

Sci.
Dec 63

244,047

173.367
The Medical Expertise of Flight Test Pilots
with Chronic Diseases of the Heart and
Lungs, by Ye. S. Malyshev, D. S.
Gellman.

RUSSIAN, no pag, Voenno Med Zhurn., 1961,
Moscow, July 1961, no 37-40

173.367
US IPRS: 70 176

511
NAV 61

The Heavy Trailing Sheepfoot Roller D-220, by
D. I. Fedorov, V. M. Rotman and E. A. Gbel'man
UNCLASSIFIED

RUSSIAN, Mekhanizatsiya Stroitel'stva, 1951, No 8,
pp 18-22.

Sci Mus Lib No 52/2719

Scientific - Engineering

25 October 1952

A 3042

Centrifugal Pump for Amalgam, by I. I. Gel'man,
8 pp.

RUSSIAN, per, Energomashinostroyeniye, No 9,
1956, pp 23-25. 9670277

ATIC NCL-884/1

Sci - Engr

Jul 61

161, 337

Certain Engineering Methods for Analyzing Controlled Objects with Monotonic Transition Functions, by L. A. Girsanov, L. V. Gol'man, Capt.

RUSSIAN, per: Avtomat i Telemekh, Vol. 1979, No 9, 1979, pp. 1210-1214.

ISA

See

23720

Apr 43

Relationship of the Uncharted Space
Space, by I. V. Gal'man. 4 pp.

RUSSIAN, 1961, 100-100-100, 100-100-100, 100-100-100
1961, 100-100-100.

100-100-100
100-100-100
100-100-100

100-100-100

100-100-100

100-100-100

2

Gel'man, L. I.
HEAT EXCHANGE BY DROP CONDENSATION OF
MERCURY VAPOR [Teploobmen pri Kapel'noi Kon-
densatsii Rzutnogo Para]. 1962, 8p.
Order from MUL \$8.50

MUL-T62-2

Trans. of Teploenergetika (USSR) 1958, v. 5, no. 3,
p. 47-50.

DESCRIPTORS: *Heat exchangers, *Mercury, Vapors,
Condensation, Power plants, Heat transfer.

(Physics--Thermodynamics, TT, v. 9, no. 2)

63-12380

- I. Gel'man, L. I.
- II. MUL-T62-2
- III. Mulholland Engineering
Translations,
Cincinnati, Ohio

63-12380

Office of Technical Services

Effect of Microheterogeneity of Magmatic Melt on
the Texture of Titanium-enriched Orbicular Diorite,
by M. L. Saliman, 9 pp.

RUSSIAN, per, Geokhimiya, No 2, 1962.

Geochim. Soc

Sci

234,150

Mar 63

A Multimuffle Tunnel Kiln of Small Dimensions,
by M. M. Gelman.

RUSSIAN, per, Stekolnaya Keramicheskaya
Promyshlennost, No 5, 1947, pp 17-.

VR 14,

DSIR LLU M.1401
(loan)

Sci - Engr

SLA 61-12608

Oct 60

128,875

Gelman, N. E., Korshun, M. O., and
Novozhilova, K. I.

ANALYSIS OF FLUORO-ORGANIC COMPOUNDS
SIMULTANEOUS MICRODETERMINATION OF
FLUORINE, CARBON AND HYDROGEN, tr. by
E. Lyssenko, 21 Feb 61 [10]p. 6 refs. ARGMA Trans.
nr. 11-61.
Order from OTS or SLA \$1.10

61-19572

Trans. of Zhurnal Analiticheskoi Khimii (USSR) 1960
[v. 15] no. 3 [p. 342-346].
Another translation is available from ATS \$9.50 as
ATS-13M44R [1960] 6p.

DESCRIPTORS: *Fluorine, *Carbon, *Hydrogen,
Determination, *Fluorides, *Organic compounds,
Microanalysis, Chemical analysis.

A method is described for the simultaneous micro-
determination of fluorine, carbon and hydrogen in
(Chemistry--Analytical, TT, v. 6, no. 6) (over)

61-19572

- I. Gelman, N. E.
- II. Korshun, M. O.
- III. Novozhilova, K. I.
- IV. ARGMA Trans-11-61
- V. Army Rocket and
Guided Missile Agency,
Redstone Arsenal, Ala.

Office of Technical Services

TT-62-26651

Gelman, N. E., and Korshun, M. O.
NOUVELLE METHODE DE MICRODOSAGE SIMUL-
TANÉ DU FLUOR, DE L'HYDROGENE ET DU CAR-
BONE DANS LES COMPOSÉS ORGANIQUES (A New
Method for the Simultaneous Micro-Determination
of Fluorine Hydrogen and Carbon in Organic Com-
pounds). 5p. 4refs. CNRS-VIII bis 177.
Order from OTS, ETC or CNRS \$1.10 TT-62-26651

Trans. in French of Akademiya Nauk SSSR. Doklady,
1953, v. 8, no. 4, p. 685-687.

Another trans. is available in English from ATS as
RJ-138.

DESCRIPTORS: Organic compounds, *Microanaly-
sis, *Hydrogen, *Carbon, *Fluorine, Magnesium
compounds, Oxides, Absorption.

(Chemistry--Analytical, TT, v. 11, no. 11)

- I. Gel'man, N. E.
- II. Korshun, M. O.
- III. CNRS-VIII bis 177
- IV. Centre National de la
Recherche Scientifique,
Paris
- V. ATS-RJ-138

Office of Technical Services
European Translations Centre

Microdetermination of Carbon and Hydrogen in
Organic Compounds by Electrical Conductivity
Measurements, by N. E. Gel'man,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX,
No 5, 1959, pp 1046-1048.

ATS RJ-2104

Sci - Chem

May 60

115,397

Micro and Semimicro Determination of Nitrogen by
Hydrogenation of Organic Materials, by N. E.
Gelman and M. O. Korshun, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol. LXII, No 1, 1957,
pp 128-133.

Consultants Bureau

Sci - Chem

Aug 58

71,786

Rapid Methods of Microelemental Analysis, Communication
15. The Simultaneous Micro Determination of Carbon,
Hydrogen, and Halogens in Organic Compounds, by M. O.
Korshun, M. E. Gel'man, and N. S. Sheveleva, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 6,
1958, pp 695-701,

Consultants Bureau

Sci

Feb 60

107,387

Apparatus for the Direct Microdetermination of Oxygen,
by M. O. Korshun and N. B. Gel'man.

Full translation.

RUSSIAN, per, Zavod Lab, Vol XII, USSR, 1946, pp 500-502.

AEC Tr 1282

Scientific - Chemistry

Jun 52 CTS

DEX

Arrival in ISI A.3043

Rapid Methods of Microelemental Analysis. Communication 17. Simultaneous Microdetermination of Carbon, Hydrogen, Mercury, and Halogen on One Aliquot of Organic Material, by M. O. Korshun, N. S. Sheveleva, N. E. Gel'man, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 1, 1960, pp 99-103.

CB

163, 917

Soi
Aug 61

Gel'man, N.I.

FABRICACION DE APARATOS PARA MEDIR LAS
DISTANCIAS ENTRE LOS CONDUCTORES EN LOS
LUGARES DE CRUCE DE LAS LINEAS AEREAS
(Prostoi Priior dlya Izmereniya Rass'oyaniya Mez-
du Provotami y Mestakh Peresechennii Vozdushnykh
Linii) (Manufacture of Apparatus for the Measure-
ment of Conductor-to-Conductor Distances in Aerial
Line Crossings). 6p. CID:63-392.
Order from OTS, ETC or CIDS. 10 TT-63-26792

Trans. in Spanish of Energetik (USSR) 1956, v. 4,
no. 10, p. 27-28.

DESCRIPTORS: Electrical properties, Measure-
ment, Meters, *Transmission lines.

(Engineering--Electrical, TT, v. 11, no. 11)

TT-63-26792

- I. Gel'man, N.I.
- II. CID 63-392
- III. Centro de Información
y Documentación,
Madrid

Office of Technical Services
European Translations Centre

Set
Apr 72

198, 881

ISI

RUSSIAN, Petr, Zaved Lab, Vol XXVII, No 1, 1961, pp. 24 - 27

The Application of Conductometry to the Direct Measurement of Oxygen in Organic Compounds, by N. V. Gerasimov, V. I. Bryushkova, 4 pp.

Analysis of Fluorocarbon Compounds, Microdetermination of Fluorine, Carbon, and Hydrogen in Low-Boiling and Gaseous Compounds, by E. Ye. Gol'man, M. O. Korshun, K. I. Novosilova, 7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 5, 1960, pp 628-634.

CR

164,070

Sci
Aug 61

Conductometric Microdetermination of Carbon and
Hydrogen in Organic Compounds, by N. Ye.
Gel'man, Wang Wen-Yun, 7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 4, 1960,
pp 487-494.

164,240^{CB}

Soi
Aug 61

III. Mixed Oxalate-Carbonate Compounds of
Plutonium (IV), by A. D. Gal'man, et al.

RUSSIAN, per. Zhur Neorgan Khim, No 7, 1958,
pp 1555-1564. CI A 90 495 46

Infosearch Ltd.

Sci - Chem
Sep 59

96,424

Simultaneous Microdetermination of Fluorine, Carbon,
and Hydrogen in Elemento-organic Compounds, by M. O.
Korshun, N. E. Gelman, K. I. Glazova, 2 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1255-1256.

Consultants Bureau

Sci - Chem

56,710

Dec 57

Analysis of Organofluorine Compounds
Simultaneous Microdetermination of Fluorine and
Nitrogen in Organic Compounds, by N. E. Gel'man,
M. O. Korshun, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 468-470.

SLA 60-10908

Sci

OTS, Vol III, No 6

Sep 60

126,860

Rapid Methods of Microelemental Analysis. Part
14. Microdetermination of Carbon and Hydrogen
in Organofluorine Compounds, by N. E. Gelman,
M. G. Korshun, and N. S. Shevaleva, 8 pp.

ANAL ^{XII}
RUSSIAN, per, Zhur ~~Khim~~ ^{XII} ⁴ ⁴
1957, pp 526-533.

Consultants Bureau

Sci - Chem
Aug 58

6 1. 1 21

Quantitative Analysis of Heteroorganic Compounds,
Microdetermination of Phosphorus.

By N. E. Gel'man, T. M. Shanina pp. 6

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 8, 1962,
pp. 998-1004

CB

Sci

344,540

Sep 63

A New Method of Simultaneous Microdetermination of
Fluorine, Hydrogen and Carbon in Organic Compounds,
by N. E. Gel'man, M. O. Korshun, 3 pp.

RUSSIAN, thrice-us per, Dok Ak Nauk SSSR, Vol LXXXIX,
No 4, 1953, pp 635-687.

Sci Mus Lib No 54/0062

Scientific - Chemistry
CTS/DEX

11,355

Gel'man, N. E. and Ven-Yun, V.

CONDUCTOMETRIC MICRODETERMINATION OF
CARBON AND HYDROGEN IN ORGANIC COM-
POUNDS. [1960] 9p.

Order from ATS \$11.85

ATS-32M45R

Trans. of *Zhur[nal] Anal[iticheskoy] Khim[i] (USSR)
1960, v. 15, no. 4, p. 487-494.

61-12356

1. Carbon--Determination
2. Hydrogen--Determination
3. Organic compounds--
Chemical analysis

- I. Gel'man, N. E.
- II. Ven-Yun, V.
- III. ATS-32M45R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

(Chemistry--Analytical, TT, v. 5, no. 6)

61-10197

Gel'man, N. E., Korshun, M. O. and others.
THE MICRO-DETERMINATION OF CARBON AND
HYDROGEN IN ORGANIC COMPOUNDS BY MEAS-
UREMENT OF ELECTROCONDUCTIVITY. [1960]
[7]p. 23 refs.

Order from LC or SLA: mi\$1.80, ph\$1.80 61-10197

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1959,
v. 129 [no. 5] p. 1046-1048.

Another translation is available from ATS \$6.50 as
ATS-14M38R [1960] 4p.

A weighed sample (about 1 mg) of organic substance is
subjected to rapid pyrolytic combustion in a stream of
O₂ moving at 30 to 35 ml/minute. The water obtained
is frozen with a dry ice-acetone mixture and the re-
maining CO₂ is passed into a conductivity cell contain-
ing the absorbent solution. The trap with the frozen-out
water is then placed in an apparatus for determining O.
The water is evaporated on to a contact layer of carbon
black, the CO obtained is oxidized on CuO to CO₂, and
this is also passed into a conductivity cell. (Author)
(Chemistry--Analytical. TT. v. 5, no. 3)

1. Organic compounds--
Microvolumetric analysis
 2. Carbon--Determination
 3. Hydrogen--Determination
- I. Gel'man, N. E.
 - II. Korshun, M. O.

Office of Technical Services

Analysis of Fluororganic Compounds. Simultaneous
Microdetermination of Fluorine, Carbon, and Hy-
drogen, by N. Ye. Gel'man, M. O. Korshun, K. I.
Novozhilova, 6 pp.

RUSSIAN,
RUSSIAN, per, Zhur Anal Khim, Vol XV, No 3, 1960,
pp 342-346.

GB

164,268

Sci
Aug 61

The Role of the Garrison Hospital in Increasing
the Level of Clinical Training of Armed Forces
Physicians, by N. M. Gel'man

RUSSIAN no par, Voenno Med Zhur, No 1,
Moscow, Jan 1958, pp 68-70

US JPRS/NY 406

Sci - Medicine
May 58

63,302

S-122/61

(NY-~~61~~ 6027).

Oxidative - Reducing Enzymes of the Cytoplasmic
Membrane of Micrococcus Lysodeikticus, by N. S.
Gel'man, I. G. Chukova, M. A. Lukyanova, 2 pp.

RUSSIAN, bk, I Konferentsiya po Voprosam Tsito- i
Gistokhimii. Doklady, Dekabrya 1960 goda, 1960,
pp 40-41.

*JPRS 9186

Sci - Med

9 Mar 61

Structure of Cytoplasmic Membranes of Micrococcus
lysodeikticus With Reference to Succinic Oxidase and
Succinic Dehydrogenase Activity, by M. A. Ighoyanova,
N. S. Gal'man, 10 pp.

RUSSIAN, per, Biokhim, Vol XXVI, No 5, 1961,
pp 916-925.

CB

Sci

804,894

Jul 62

The Cytochrome System in the Cytoplasmic Mem-
branes of Micrococcus lysodeikticus, by N. S.
Gel'man, M. A. Lukoyanova, A. I. Oparin, ~~215 pp~~
4 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 3, 1960,

pp ~~368-468~~

482 - 487.

CB

Sci-

Feb 61

140, 747

The Action of a Surface Active Substance on
the Enzyme System Which Oxidizes Malic Acid in
Cytoplasmic Membranes of Micrococcus lysodeikticus,
by N. S. Gel'man, I. G. Zhukova, A. I. Oparin,
4 pp .

RUSSIAN, per, Biokhimiya, Vol XXIV, No 6, 1959,
pp 1074-1078.

Consultants: Bureau

Sci

Jul 60

120,357

The Preparation of Dehydrogenases of L-Malic Acid
and the Reduced Form of Diphosphopyridinedinucleotide
From the Cytoplasmic Membrane of *Micrococcus*
Lysodeikticus, by N. S. Gel'man, I. G. Zhukova, et al,
5 pp.

RUSSIAN, ~~r~~, Biokhimiya, Vol XXVIII, No 1, 1963, ~~m~~,
pp 122-127.

CB

Sci
Jun 64

261,350

Oxidation of L-Malic Acid and of Reduced
Diphosphopyridine Nucleotide in the Cytoplasmic
Membrane of *Micrococcus lysodeikticus*, by N. S.
Gel'man, I. G. Zhukova, A. I. Ogerin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXDCIII, No 5,
1960, pp 1209-1212.

"AIBS

Sci

Apr 61

153, 075

Determination of Oxygen Concentration of Biological
Fluids by a Polarographic Method Using Stationary
Solid Electrodes, by D. N. Ostrovsky and N. S.
Gel'man. p 5

RUSSIAN, per, Biokhim, Vol XXVII, No 3, 1962,
pp 532 - 537

CB

340,343

Sci

Jul 63

Succinic Oxidase and Malic Oxidase in the
Structural Elements of Microcococcus luteus. By
R. S. Gelfman, T. G. Zhukova, M. A. Likhacheva
and A. I. Gephlin, 7 pp.

RUSSIAN, Izv. Akad. Nauk, Vol XXIV, No 3, 1959.
pp 481-488

Consultants Bureau

Sci
Feb 60

108943

S-5234

(DC-2909).

The Connection Between the Biochemical Processes
and the Structural Elements of a Bacterial Cell,
by N. S. Gel'man, 23 pp.

RUSSIAN, per, Uspekhi Sovrem Biol, Vol XLVII, No 2,
1959, pp 152-167.

JPRS-L-1873-D

Sci - Biol
Sep 59

97,193

Discovery of Invertase in *Saccharomyces Globosus*
249 With the Aid of Ultrasonic Waves, by A. I.
Oparin, M. B. Gel'man, & I. F. El'piner.

RUSSIAN, *Dok Ak Nauk SSSR*, Vol XCVII, No 2,
Jul 1954, pp 293-295. CIA 9018813

USDA

Sci - Med

May 58

64,361

Incorporation of Labeled Glycine and Increase in Protein Nitrogen Content as Functions of Structure of Bacterial Protoplasts, by A. I. Oparin, M. S. Gelman, I. G. Zhukova, 4 pp.

RUSSIAN, bio per, Biokhim, Vol XXII, No 1, 2, Jan-Apr 1957, pp 399-405.

Consultants Bureau

Sci - Chemistry
Apr 58

61,691

Effect of Desoxyribonuclease on Oxidation of
Malic Acid by Micrococcus Lysodeikticus Lysates,
by W. S. Gal'man, I. G. Zhukova, A. I. Oparin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,
1959, pp 198, 199.

Amer. Inst of Biol Sci

Sci

Jan 60

105,622

(FDD 27763)

Influence^e of Change in the Structure of Bacterial
Protoplasts on Respiration and Inclusion of Labeled
Glycine, by A. I. Oparin, N. S. Gal'man, I. G. Zhukov,
8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV,
No 5, Moscow, 1955, pp 1036-1039.

CIA/FDD U-8642

✓
USSR

38,996

Sci - Chemistry, Biochemical; Biology

Aug 56 CTS/DIX

Effect of Lecitholate on Oxidation of Reduced
Diphosphopyridine Nucleotide, L-Malic Acid,
and L-Lactic Acid in Cytoplasmic Membrane of
Micrococcus lysodeikticus, by E. S.
Gel'man, I. G. Zhukova, A. I. Operin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV,
No 1, 1960, pp 200-203.

AIES

Sci

167, 372

Jul 61

Analysis of Fluoroorganic Compounds. The Use of
Pyrohydrolysis for the Simultaneous Microdetermi-
nation of Fluorine, Carbon, and Hydrogen, by N. Ye.
Gel'man, M. O. Korshun, K. I. Novozhilova, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 2, 1960,
pp 222-225.

CB

Sci
Aug 61

163,422

Calculation of the Effects of a Loosely-Fitted
Plate in a Phototheodolite Survey, by
R. N. Gel'man, 3 pp.

RUSSIAN, per, Geodez i Kartog, No 1, 1959,
pp 31-35.

ATU

Sci

Jul 61

167, 441

Practical Experience with the Vertical and Horizontal
Control of Aerial Photographs, 4 pp, by N.N. Gel'man

RUSSIAN, per, Geodes 1 Kartog, No 4, 1961,
pp 37-45.

ASU

Sci

Mar 62

186,093

Rapid Running-In Schedules for Glass Furnaces,
by V. A. Gel'man, 5 pp

RUSSIAN, per, Steklo i Keramika, Vol XVII,
No 9, 1960, pp 10-14.

CB

Sci

Aug 62

209,809

Complex KPN-56 Apparatus for Making Metal Tooth
Crowns, by V.B. Gel'man

RUSSIAN no per, Voenno Med Zhur, No 4, Moscow,
April 1958, pp 88-89

US JPRS/NY -599

Sci - Engr
Aug 58

69,636

Resources for Intensifying Labor, by V. A.
Galtman, 5 pp.

UNCLASSIFIED, per, Uzbekistan's Sil'skogo p 5
Gosplan, No 10, Oct 1964, pp 17-18.
JPRS 20256

UNCL.
From
Mar 65

275,571

Hydrothermodynamic Waves in a Weakly
Inhomogeneous Plasma, by L. E. Gurevich,
B. L. Galk'berg, -- pp.
RUSSIAN, per, Zhur Zhurp i Doket Fiz,
Vol XLVI, No 3, 1964, pp 884-88901.

Amer Inst of Phys
Soviet Phys - JETP
Vol XL, No 3

Sol
Oct 64

261,784

Introducing New Visual and Auditory Aids, by
A. Gelmont, 3 p.

RUSSEIAN, per, Narodnoye Obrazovaniye, No 9, 1959,
pp 72-74.

Internat. Arts
and Sci Press
Soviet Education
Vol II, No 2

USSR - Soc
Apr 60

111, 730

Piezoelectric Filters for Lower Frequencies by
Means of Unbalanced Circuits, by Z. Ya. Gelmont.

RUSSIAN, par, Elektrosvyaz, No 6, 1958, pp 67-74.

Pergamon Press

Sci.

Mar 60

111,531

Piezoelectric Filters Containing Induction
Coils with Preset Coupling Coefficient, by
Z. Ya. Gel'mont.

RUSSIAN, per, Elektrosvyaz, No 12, 1958,
pp 58-64.

Pergamon Press

Sci

Mar 60

111, 394

How to Determine the Composition and
Viscosity of Bitumen and Tar by Monograms,
by V. O. Gel'mer. UNCL

RUSSIAN, per, Avtom Dorogi, Vol XII, No 7,
1958, pp 22-24.

DSIR LLU RTS 1189

(7s. 6s.)

Sci - Min/Met
Nov 59

100,760

Narrowband Ladder Piezoelectric Filters, by
Ya. I. Velikin, Z. Ya. Gel'mont, et al, 9 pp.

RUSSIAN, per, Radiotekh, Vol XVI, No 11, 1961.

AIEE

Sci
13 Jul 62

202,526